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IEEE JNL IEEE Journal or Magazine

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IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

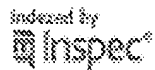
IEEE CNF IEEE Conference Proceeding

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### 1 [Manufacturing resource planning on a PC local area network](#)



H. Clark Kee, Roy L. Post

 May 1986 **ACM SIGAPL APL Quote Quad , Proceedings of the international conference on APL APL '86**, Volume 16 Issue 4

Publisher: ACM Press

 Full text available: [pdf\(1.47 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper details a large APL programming project of 12 man years. An integrated software system structured on the principles of MRP (manufacturing resource planning) was implemented by a Bristol-Myers in house team for use in a new manufacturing facility. The system applies off-the-shelf technology in innovative ways, using STSC APL\*PLUS/PC as the only programming language, to build a very sophisticated application on IBM/PCs fully sharing data in a secure environment via the N ...

### 2 [Software engineering for security: a roadmap](#)



Premkumar T. Devanbu, Stuart Stubblebine

 May 2000 **Proceedings of the Conference on The Future of Software Engineering**

Publisher: ACM Press

 Full text available: [pdf\(1.71 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
**Keywords:** copy protection, security, software engineering, water-marking

### 3 [Customer service evaluation in the telephone service provisioning process](#)



Shinya Ozeki, Noriyuki Ikeuchi

 December 1992 **Proceedings of the 24th conference on Winter simulation**

Publisher: ACM Press

 Full text available: [pdf\(726.46 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

### 4 [Expert systems for configuration at Digital: XCON and beyond](#)



Virginia E. Barker, Dennis E. O'Connor, Judith Bachant, Elliot Soloway

 March 1989 **Communications of the ACM**, Volume 32 Issue 3

Publisher: ACM Press


Full text available:  [pdf\(2.29 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Members of Digital Equipment Corporation's team of expert system experts reflect and recount a decade's worth of lessons learned in designing, and building a core of configuration systems

##### 5 [A multi-agent system for sales order processing](#)



Abdul Sakib Mondal, Ayush Kumar Jain

September 2001 **intelligence**, Volume 12 Issue 3**Publisher:** ACM PressFull text available:  [pdf\(196.60 KB\)](#) [html\(37.86 KB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)

##### 6 [Exceptions and exception handling in computerized information processes](#)



Diane M. Strong, Steven M. Miller

April 1995 **ACM Transactions on Information Systems (TOIS)**, Volume 13 Issue 2**Publisher:** ACM PressFull text available:  [pdf\(2.12 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Exceptions, situations that cannot be correctly processed by computer systems, occur frequently in computer-based information processes. Five perspectives on exceptions provide insights into why exceptions occur and how they might be eliminated or more efficiently handled. We investigate these perspectives using an in-depth study of an operating information process that has frequent exceptions. Our results support the use of a total quality management (TQM) approach of eliminating exception ...

**Keywords:** Total Quality Management, exception handling, exceptions, process design

##### 7 [Introduction to manufacturing applications](#)



Gordon M. Clark

November 1996 **Proceedings of the 28th conference on Winter simulation****Publisher:** ACM PressFull text available:  [pdf\(727.41 KB\)](#)Additional Information: [full citation](#), [references](#), [citations](#)

##### 8 [Supply-chain management at Rowntree: critical success factors for APL](#)



Adrian Smith
















July 1991 **ACM SIGAPL APL Quote Quad , Proceedings of the international conference on APL '91 APL '91**, Volume 21 Issue 4**Publisher:** ACM PressFull text available:  [pdf\(659.23 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

APL has been in use at Rowntree Mackintosh since late 1978; during this time it has developed from an initial application to "little local systems" to play a vital role in the supply-chain management of the company. APL systems are now deeply embedded in all stages of company operations, from recipe modelling to the scheduling of raw materials, from five-year planning to detailed shift-by-shift production scheduling. This paper sets out to explain the critical success factors which encouraged the ...

##### 9 [Introduction to manufacturing applications](#)



Gordon M. Clark


-  December 1995 **Proceedings of the 27th conference on Winter simulation**  
**Publisher:** ACM Press  
Full text available:  [pdf\(621.18 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)
- 10 [Inter-organization networks, computer integration, and shifts in interdependence: the case of the semiconductor industry](#)   
 Paul Hart, Deborah Estrin  
October 1991 **ACM Transactions on Information Systems (TOIS)**, Volume 9 Issue 4  
**Publisher:** ACM Press  
Full text available:  [pdf\(2.03 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)
- 11 [Production engineering](#)   
 H. Burke Horton  
January 1970 **Proceedings of the 1970 25th annual conference on Computers and crisis: how computers are shaping our future ACM '70 , Computers and crisis**  
**Publisher:** ACM Press  
Full text available:  [pdf\(1.00 MB\)](#) Additional Information: [full citation](#), [abstract](#)  
Mr. Swett set the tone of the session.
- 12 [The process recombinator: a tool for generating new business process ideas](#)   
Abraham Bernstein, Mark Klein, Thomas W. Malone  
January 1999 **Proceeding of the 20th international conference on Information Systems**  
**Publisher:** Association for Information Systems  
Full text available:  [pdf\(247.22 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
- 13 [On the use of GPSS to model hierarchical control systems in a manufacturing environment](#)   
Ronald J. Degen, Thomas J. Schriber  
December 1976 **Proceedings of the 76 Bicentennial conference on Winter simulation**  
**Publisher:** Winter Simulation Conference  
Full text available:  [pdf\(606.77 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)  
The concept of hierarchical, multilevel control systems is reviewed in the context of manufacturing systems, and the strata typically composing such control systems are discussed. The possibility of building simulation models of hierarchical systems, using FORTRAN routines to represent the higher-level strata, and GPSS to model the actual manufacturing steps themselves, is introduced. A hypothetical, nine-product toy-manufacturing system is described, and some of the specific features of a ...
- 14 [The Soviet Bloc's Unified System of Computers](#)   
 N. C. Davis, S. E. Goodman  
June 1978 **ACM Computing Surveys (CSUR)**, Volume 10 Issue 2  
**Publisher:** ACM Press  
Full text available:  [pdf\(2.76 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

15 Manufacturing applications: A strategic supply chain simulation model

James Ritchie-Dunham, Douglas J. Morrice, Judy Scott, Edward G. Anderson


December 2000 **Proceedings of the 32nd conference on Winter simulation**

**Publisher:** Society for Computer Simulation International

Full text available:  [pdf\(174.22 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In this paper, we describe a simulation game designed to quantify the benefits of an enterprise resource planning system coupled with the balanced scorecard framework in an extended enterprise. We present three scenarios of the same enterprise: a base case scenario with a non-integrated legacy system, a scenario with an integrated, enterprise resource planning system, and a scenario with an enterprise resource planning system using the balanced scorecard framework. Results from this game support ...

16 A total quality management-based systems development process

 Antonis C. Stylianou, Ram L. Kumar, Moutaz J. Khouja

June 1997 **ACM SIGMIS Database**, Volume 28 Issue 3

**Publisher:** ACM Press

Full text available:  [pdf\(1.16 MB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Meaningful user involvement in systems development and an overall user orientation is critical to the success of any development project. Although traditional systems development methodologies recognize the importance of the user, they provide no formalized methods to translate user quality requirements into system design specifications. In addition, these methodologies are not rigorous in maintaining a focus on user quality requirements during the later phases of development. Manufacturing organ ...

**Keywords:** quality function deployment, software design, software quality, systems development, total quality management

17 Manufacturing decision making with FACTOR

William R. Lilegdon

December 1994 **Proceedings of the 26th conference on Winter simulation**

**Publisher:** Society for Computer Simulation International

Full text available:  [pdf\(649.59 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

18 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

**Publisher:** IBM Press

Full text available:  [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

19 A survey of varied production systems and different aspects using




[computersimulation](#)

K. Heinz Weigl

December 1991 **Proceedings of the 23rd conference on Winter simulation**

**Publisher:** IEEE Computer Society

Full text available:  [pdf\(932.99 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

20 [A flexible assembly global control simulation](#)



Thomas Ernst, Avetik P. Matevosian

December 1993 **Proceedings of the 25th conference on Winter simulation**

**Publisher:** ACM Press

Full text available:  [pdf\(557.44 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#)

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John Colter, Netscape Navigator

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L31	4	dongle near8 server same (upload download)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 16:21
L30	0	dongle near8(data information ID identification) near4 server same (upload download)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 16:21
L29	0	dongle near3 send\$5 near4 (data information ID identification) near4 server same (upload download)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 16:21
L28	43	(manufactur\$5 build-to-order) same (PC (personal adj computer) (work adj station)) near10 (client customer) and (script\$5) and L27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 16:19
L23	141	(manufactur\$5 build-to-order) same (PC (personal adj computer) (work adj station)) near10 (client customer) and (script\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 16:08
L27	47328	"709"\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 15:57
L19	2702	717/168,169,170,171,172,173,174,175,176,177,178.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 15:57
L26	20	dongle same(script\$5 routin\$5 RPC (function)) same (install\$5 download)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 15:51
L25	0	dongle near8(script\$5) near10 (install\$5 download)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 15:51
L24	0	dongle near8 invoc\$5 near8 (script\$5) near10 (install\$5 download)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 15:51

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L22	102	(dongle attachment) near4 (device) same (install\$5) near10 (order bought)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 14:48
L20	296	(peripher\$5 dongle attachment) near4 (device port) same (install\$5) near10 (order bought)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 14:43
L21	10	L20 and L19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 14:34
L18	208	Ingberg.xp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 14:30
L17	43	kiss.xa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 14:18
L16	0	Miss.xa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 14:05
L15	0	hiss.xa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 14:05
L14	2	09/760327	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 14:04
L13	3	"6202207".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 14:01
L12	2	"5717930".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:59
L11	2	"5978590".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:58

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L10	10	(manufactur\$5 configur\$5) near10 (PC (personal adj computer) (work adj station)) same dongle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:57
S2	18	(manufactur\$5 configur\$5) near10 (PC (personal adj computer) (work adj station)) near10 (client customer) near10 (specification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:18
L9	3	(RPC (function near2 call)) near5 (server) and dongle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:17
L8	6	(client customer) same (specification) same (install\$5 assembl\$5) and dongle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:16
S3	15	(manufactur\$5) same (PC (personal adj computer) (work adj station)) near10 (client customer) same (specification) same (install\$5 assembl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:12
L7	2	"4685055".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:11
L6	2	"4609777".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:11
L5	26	dongle and customiz\$5 near4 (PC computer workstation server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 13:11
S10 1	8	((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) and (BIOS) same USB and "709"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/24 12:57
S11 0	1	"6529962".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 14:37
S90	1	(Bios) near5 (enumerat\$8) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 14:37
S10 9	2	((PC (personal adj computer) computer laptop) same (installation)) same (bios)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:28

## EAST Search History

S108	2	((PC (personal adj computer) computer laptop) same(installation)) same (USB)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:28
S107	0	((PC (personal adj computer) computer laptop) near4(installation)) same (USB)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:27
S106	1052	((PC (personal adj computer) computer laptop) near4(installation)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:26
S105	1794	((PC (personal adj computer) computer laptop) same (installation)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:26
S104	32319	((PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) same (install\$5)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:24
S102	53	((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (install\$5)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:23
S100	197	((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) and (BIOS) and USB and "709"\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:23
S44	40	((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) same (hardware) same software same (install\$5 assembl\$5) and (BIOS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:04
S99	12	("4780821"   "5142680"   "5247683"   "5367686"   "5421009"   "5495607"   "5555416"   "5717930"   "5727205"   "5742829"   "5793979"   "5842024").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 11:02
S98	9	bios near6 (transmit\$5 broadcast\$5) near5 (address)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:56
S97	1	"5664195".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:44
S96	1	"6148346".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:42
S95	7	("5581766"   "6023585"   "6026366"   "6081850"   "6424424"   "6473854"   "6493770").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:40
S94	1	"6728787".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:30

## EAST Search History

S93	1	"6986033".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:30
S89	1	"6907523".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:21
S92	17	(Bios) same (enumerat\$8) same (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:16
S91	6	(Bios) near5 (enumerat\$8) same (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:16
S88	18	(Bios) near5 (including include includes) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 09:13
S87	26	(Bios) near5 (boot\$5) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:53
S86	18	(Bios) near5 (supporting support supports) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:50
S85	3	(Bios) near5 (providing) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:43
S84	0	(Bios) near5 (broadcast\$5) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:39
S83	1	(Bios) near5 (monitor\$5) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:39
S82	0	(Bios) near5 (identify\$5) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:36
S81	9	(Bios) near5 (detect\$5) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:35
S80	3	(Bios) near5 (instruct\$5) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:35
S79	4	(Bios) near5 (read\$5) near6 (USB)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:32
S58	1	09/760327	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 08:30
S78	41	(bios) near8 (USB) near7 (controller controller)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 11:22
S74	2	(bios) near5 (detect\$5) near6 (USB) near7 (device)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 11:22
S77	13	("20020116565"   "5802394"   "5933611"   "5958020"   "6119194"   "6272499"   "6272515"   "6349354"   "6505263"   "6625602"   "6721815"   "6728801"   "6804740").PN	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 11:10
S76	65	(bios) near6 (USB) near7 (device)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 11:07
S75	0	(bios) near5 (reading) near6 (USB) near7 (device)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 11:07
S73	6	("5347425"   "5526493"   "5579487"   "5864708"   "5867406"   "6009486").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 11:04



## EAST Search History

S72	9	(bios) same (USB near7 device near6 (id identification))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 10:56
S71	0	(power near5 on) same (USB near7 device near6 (id identification))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 10:56
S70	2	(bios near5 execut\$5) same (USB near7 device near6 (id identification))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 10:55
S69	0	(bios near5 instruct\$6) same (USB near7 device near6 (id identification))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 10:54
S68	0	(bios near5 instruct\$6) near5 (USB near7 device near6 (id identification))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 10:54
S67	26	(bios) and (read) near5 (USB) near5 (device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:47
S66	0	(bios) near2 (read) near5 (USB) near5 (device)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:47
S65	1	(bios) near2 (read) near5 (USB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:46
S64	52	(bios) near2 (USB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:46
S63	176	(bios) near7 (USB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:32
S62	18	(convey\$5 transfer\$5 transmit\$5 reading providing) near5 (product) near7 (USB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:32
S61	0	(convey\$5 transfer\$5 transmit\$5 read\$5 providing) near5 (product) near7 (USB) and ((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) same (hardware) same software same (install\$5 assembl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:26
S59	0	(convey\$5 transfer\$5) near5 (USB) same ((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) same (hardware) same software same (install\$5 assembl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:25

## EAST Search History

S60	2	((USB) same ((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) same (hardware) same software same (install\$5 assembl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:20
S38	286	((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) same (hardware) same software same (install\$5 assembl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 10:18
S57	2	09/773026	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 10:08
S56	1	"6226412".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 10:02
S55	1	"6202207".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 10:01
S54	0	"63202207".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:43
S53	1	"6301707".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:43
S52	1	"5950010".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:41
S51	1	"5859969".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:40
S50	1	"5794052".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:38
S49	1	"5421009".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:37
S48	1	"5247683".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:37
S47	1	"5247863".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:36
S46	12	("4780821"   "5142680"   "5247683"   "5367686"   "5421009"   "5495607"   "5555416"   "5717930"   "5727205"   "5742829"   "5793979"   "5842024").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/27 09:36
S45	2	"5978590".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 09:29
S43	3	((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) same (hardware) same software same (install\$5 assembl\$5) same (BIOS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 08:58

## EAST Search History

S42	3	((build-to-order) (built-to-order) (customi\$5) (custom adj built) (custom-built)) same (PC (personal adj computer) (work adj station) device computer laptop PDA (computing adj device) server gateway router switch) same (hardware) same software same (install\$5 assembl\$5) and (PXE (preboot near3 execution near3 environment))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/27 08:48
S41	1	09/725290	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 15:35
S40	0	2004/0122840	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 15:34
S39	2	"5978590".pn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 15:34
S37	3	(installation adj system).ti. and kiyoharu	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:48
S36	1026	(installation adj system).ti	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:48
S35	0	09/415687	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:47
S34	122	(custom\$5) near5 (PC (personal near3 computer) laptop desktop) near5 (configur\$5) and server	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:47
S33	43	(custom\$5) near5 (PC (personal near3 computer) laptop desktop) near5 (assembl\$5 production)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:29
S32	1	(customized) near5 (PC (personal near3 computer) laptop desktop) near5 (assembl\$5 production)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:24
S31	0	(customized) near5 (PC (personal near3 computer) laptop desktop) near5 (assembl\$5 production)near3 (line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:24

## EAST Search History

S30	250	(PC (personal near3 computer) laptop desktop) near5 (assembl\$5 product\$5)near3 (line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:23
S29	13	(PC (personal near3 computer) laptop desktop) near5 (assembl\$5) near10 (order) and (server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:23
S26	138	(build-to-order) and (PC (personal near3 computer) laptop desktop) and (server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:20
S28	2	"6049840".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:17
S27	2	"5717930".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:17
S1	2	"5978590".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 09:13
S25	15	(build-to-order) and (reader)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 08:39
S24	1	(build-to-order) and (dongle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 08:23
S23	269	(build-to-order)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 08:23
S22	0	(manufactur\$5 build-to-order) same (PC (personal adj: computer) (work adj: station)) same (hardware) same (software)same (install\$5 assembl\$5) same (dongle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 08:22
S4	214	(manufactur\$5 build-to-order) same (PC (personal adj: computer) (work adj: station)) same (hardware) same (software)same (install\$5 assembl\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 08:22

## EAST Search History

S21	2	"5247683".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 08:21
S20	3	"6202207".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 11:02
S19	2	"5859969".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 11:02
S18	40	S15 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:12
S17	129	S15 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:11
S16	58	S15 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 10:11
S15	4109	(manufactur\$5 build-to-order assembl\$5) same (PC (personal adj computer) (work adj station)) and (hardware) same (software)and (script program configur\$5 product PC terminal (work adj station)) near\$5 (ID indication identification serial number (bar adj code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/21 09:56
S13	1846	709/220.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:52
S12	2734	713/1,2.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:52
S11	1128	717/174-178.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:52
S9	2245	700/1,65,96,97,95,117.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:51
S8	12	("4780821"   "5142680"   "5247683"   "5367686"   "5421009"   "5495607"   "5555416"   "5717930"   "5727205"   "5742829"   "5793979"   "5842024").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:50
S7	3	((updat\$5 near10 software) same client same server).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:38
S6	11	("5781004"   "5894571"   "5960344"   "5963743"   "5991543"   "5995757"   "6029249"   "6075943"   "6151012"   "6236901"   "6247128").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:38
S5	12	("5113518"   "5230052"   "5247683"   "5325532"   "5371792"   "5418918"   "5423023"   "5459867"   "5499357"   "5504904"   "5684974"   "5745669").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/21 09:07